

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

COLDER TEMPERATURES WITH RAIN AND SNOW SLOWED FIELD WORK

Colder temperatures, with much needed rain and snow halted field work in the state, according to the Minnesota Agricultural Statistics Service.

Planting was slowed by the low soil temperatures and long awaited precipitation. Temperatures statewide averaged 5.9 degrees below normal for the week. Precipitation was received in most areas of the state, however the moisture content was sparse and not adequate to improve subsoil moisture. Statewide average precipitation was 0.44 inch, 0.10 inch below normal. The low soil temperatures and dry conditions prompted a large number of producers to wait until the crop insurance coverage dates before planting.

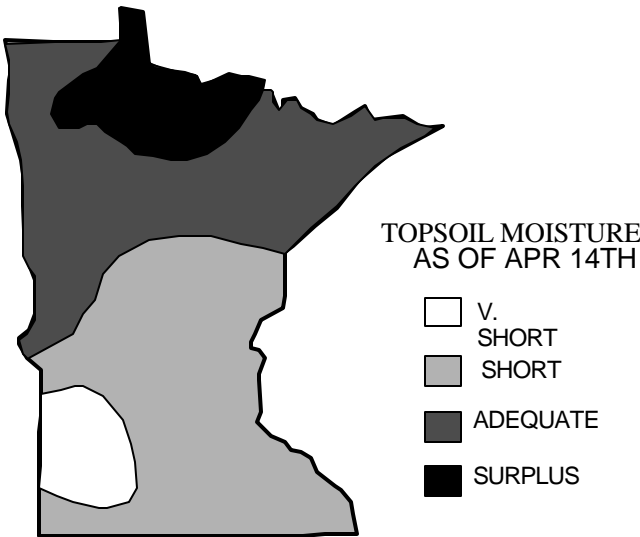
Topsoil moisture statewide as of Friday was rated 17% very short, 43% short, 34% adequate, and 6% surplus. The North Central District continues to have surplus topsoil moisture, while the southern part of the West Central and the northern part of the South-western Districts have very short topsoil moisture.

Corn ground preparation is 26% complete as of Sunday, compared with the 5-year average of 2%. An estimated 2% of corn acreage has been planted, compared to none for the 5-year average for the same date. Soybean land preparation is 8% completed, ahead of the 5-year average of 1%.

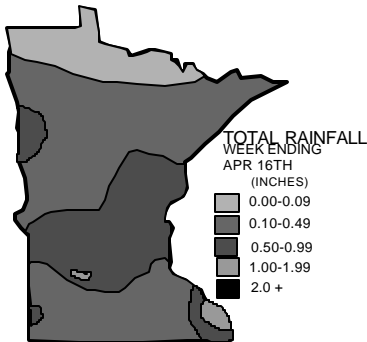
An estimated 2% of sugarbeets have been planted, compared to the 5-year average of 1%. Green peas are 18% planted versus 5% last year and 2% for the 5-year average. An estimated 36% of the oats acreage has been planted, compared with 12% a year ago, and 5% for the 5-year average. Spring wheat is 12% planted, versus 4% for this date last year and 1% for the 5-year average. Barley is 13% planted, compared to the 5-year average of zero.

Alfalfa and winter wheat are starting to break out of dormancy in all but northern portions of the state. Alfalfa was reported to be 91% fair to excellent condition, and winter wheat was 87% fair to excellent condition.

Days Suitable for Fieldwork: 3.3					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		17	43	34	6
Crop Progress as of April 16, 2000					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Land Prepared	2	4	12	26
	Planted	0	0	NA	2
Soybeans	Land Prepared	1	1	5	8
Spring Wheat	Planted	1	4	10	12
	Emerged	0	0	NA	1
Barley	Planted	0	1	10	13
	Emerged	0	0	NA	1
Oats	Planted	5	12	26	36
	Emerged	0	0	NA	4
Green Peas	Planted	2	5	11	18
Potatoes	Planted	2	4	NA	4
Sugarbeets	Planted	1	1	NA	2
Crop Condition as of April 14th in %					
	V.Poor	Poor	Fair	Good	Exc.
Alfalfa	1	8	43	40	8
Winter Wheat	0	13	36	46	5



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING APRIL 16, 2000:  
Temperatures averaged from 10.5 degrees below normal in the Northwest District to 1.8 degrees below normal in the Southeast District. Extremes 7° in Moorhead; 83° in Winona. Precipitation averaged from 0.42 inch below normal in the South Central District to 0.06 inch above normal in the East Central District. Greatest weekly total was 1.57 inches.



Temperature Summary for 04/10/2000 through 04/16/2000

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1
<u>NW DIST 1</u>								
Crookston	48	13	28.5	-11.3	.19	-.14	.09	.14
Moorhead	53	7	29.6	-12.3	.65	.23	-.15	.02
Warroad	49	15	27.9	-8.0	.07	-.27	-.01	-.03
<u>NC DIST 2</u>								
Grand Rapids	62	16	33.2	-6.5	.25	-.23	.06	.22
Intl. Falls	55	14	31.2	-6.7	.07	-.29	.53	.43
Itasca	58	16	29.4	-8.5	.47	-.06	.04	.02
<u>NE DIST 3</u>								
Duluth	54	17	31.2	-6.4	.28	-.23	-.56	-.08
Grand Marais	42	21	31.9	-5.9	.40	-.02	-.08	-.02
Hibbing	59	15	32.4	-5.4	.18	-.20	.57	.48
<u>WC DIST 4</u>								
Alexandria	60	21	33.2	-8.6	.35	-.17	-.69	-.63
Browns Valley	59	15	32.6	-9.3	.35	-.15	-1.18	-.66
Canby	70	21	37.4	-6.4	.48	-.07	-1.16	-.54
Fergus Falls	44	19	33.4	-7.5	.41	-.09	-.33	-.19
Montevideo	65	20	34.8	-9.4	.71	.16	-.86	-.45
Morris	60	22	35.0	-7.0	.79	.27	-.61	-.28
<u>CENT DIST 5</u>								
Becker	65	22	38.8	-3.8	.69	.14	-.55	-.47
Hutchinson	67	19	39.4	-4.7	.64	.08	-.77	-.46
Olivia	55	20	36.9	-6.8	.64	.03	-1.13	-.68
St. Cloud	63	18	35.4	-7.1	.51	-.04	-.74	-.65
Staples	62	20	33.8	-6.9	.30	-.25	-.83	-.54
Willmar	60	21	36.5	-6.6	.60	.01	-1.14	-.67
<u>EC DIST 6</u>								
Aitkin	61	20	35.4	-5.3	.63	.11	.42	.64
Cambridge	62	20	34.8	-8.3	.87	.37	-.11	-.10
MSP Airport	63	28	40.2	-5.2	.38	-.17	-1.25	-.80
St. Paul - UofM	63	26	40.4	-6.4	.54	-.07	-1.10	-.75
<u>SW DIST 7</u>								
Lamberton	69	17	38.8	-5.3	.39	-.24	-1.47	-.86
Pipestone	71	26	39.9	-3.7	.71	.18	-.02	.46
Redwood Falls	67	21	37.6	-8.4	1.08	.47	-.41	-.15
Worthington	70	25	40.6	-2.9	.24	-.39	-1.35	-.76
<u>SC DIST 8</u>								
Faribault	76	22	41.0	-3.2	.28	-.38	-1.75	-1.08
Waseca	81	21	42.9	-.6	.28	-.40	-1.70	-1.20
Winnebago	80	18	40.5	-3.2	.19	-.47	-1.39	-.89
<u>SE DIST 9</u>								
Preston	79	22	42.8	-1.1	.12	-.53	-1.83	-1.23
Red Wing	72	31	42.6	.5	.18	-.52	-2.04	-1.33
Rochester	80	23	40.8	-3.2	.25	-.38	-1.78	-1.10
Rosemount	70	23	40.6	-4.4	.39	-.26	-1.70	-.99
Winona	83	27	43.6	-.6	1.57	.92	-.22	.17

m=some data missing

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